

Form PTO-1595
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Matthew S. Chang, Mark Kenneth Eyer, Andrew M. Proehl, David K. L. Yang, Frederick J. Zustak, Peter Rae Shintani, Nicholas Colsey, Brant L. Candelore, and Dayan Ivy Golden

2. Name and address of receiving party(ies)

Name: Sony Corporation, a Japanese Corporation
Internal Address: _____Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other _____Street Address: 7-35 Kitashinagawa 6-ChomeExecution Date: 6/5/2002City: Shinagawa-Ku State: TokyoZip: _____
Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 10/053,229

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas F. LebansFITCH, EVEN, TABIN & FLANNERY

Internal Address: _____

Street Address: Suite 1600 - 120 South LaSalle StreetCity: Chicago State: IL Zip: 60603-34066. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). \$ 40 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

06-1135

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Thomas F. Lebans

Name of Person Signing

Signature

July 22 2002

Date

Total number of pages including cover sheet, attachments, and documents: 6Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

2. Name and address of receiving party(ies)

Sony Electronics, Inc., a Delaware corporation
1 Sony Drive
Park Ridge , NJ 07656

Docket No. 50P4161

ASSIGNMENT

WHEREAS, I, as a below named inventor, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in SEAMLESS INTEGRATION OF MULTIPLE DATA/INTERNET CONNECTIONS for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Electronics Inc. a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I hereby authorize and request my attorney(s) of record in this application to insert the execution date, serial number and filing date of this application in the spaces that follow: Serial Number: 10/053,229, Filing Date: 11/13/2001.

This assignment is being executed on the date indicated below.



Matthew S. Chang

Dated: 9/14/02

This assignment is being executed on the date indicated below.

Mark Kenneth Eyer

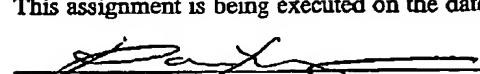
Dated: _____

This assignment is being executed on the date indicated below.

Andrew M. Proehl

Dated: _____

This assignment is being executed on the date indicated below.



David K.L. Yang

Dated: 5/10/02

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ASSIGN-NOTARY-SEL 07/24/01

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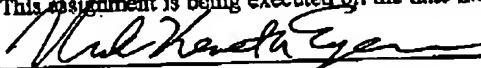
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Mark Kenneth Eyer

Dated: 5/10/02

This assignment is being executed on the date indicated below.

Dated: _____

Andrew M. Proch

This assignment is being executed on the date indicated below.

Dated: _____

David K.L. Yang

This assignment is being executed on the date indicated below.

ASSIGN-NOTARY-SEL 07/24/01

Frederick J. Zustak

This assignment is being executed on the date indicated below.

Peter Rae Shintani
Peter Rae Shintani

Dated: 5/15/02Dated: May 15, 2002

This assignment is being executed on the date indicated below.

Nicholas Colsey

Dated: 5/15/2002

This assignment is being executed on the date indicated below.

Brant L. Candelore
Brant L. Candelore

Dated: 6/4/2002

This assignment is being executed on the date indicated below.

Dayan Ivy Golden

Dated: 6/5/02

STATE OF _____, ss.
COUNTY OF _____)

On this _____ day of _____, in the year of _____, before me,
Notary Public, personally appeared the above-named assignors, personally known to me (or proved to
me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that his/her/their signature(s) on the instrument, the person(s) or the entity upon behalf
of which the person(s) acted, executed the instrument.

Notary Public

ASSIGN-NOTARY-SEL 07/24/01